

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Atty. Docket No.:

100067

Express Mail Label No.:

EV067922704US

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA, 22313-1450

Transmitted herewith for filing is the utility patent application of inventor(s) **Heinz H. BUSTA, David W. BOLDRIDGE, and Ronald E. MYERS**, entitled: **ELECTRON SOURCE AND METHOD FOR MAKING SAME**

**Type Of Application**

This application is:

- ☐ an original (nonprovisional) application.  
☒ a nonprovisional of prior provisional application Serial No. 60/459,553 filed on 01-Apr-03.  
☒ This application claims priority to U.S. Serial No. 60/459,553, filed on 01-Apr-03.  
☒ The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.  
☒ The prior application is assigned of record to: Cabot Microelectronics Corporation.

**Application Elements (enclosed, if applicable):**

1. ☒ A duplicate copy of this transmittal letter
2. ☒ Specification (including claims and abstract) containing pages 1- 18
3. ☒ Drawings: ☒ 1 copy of 5 sheet(s) of formal drawings, OR  
☐ 1 copy of \_\_\_\_\_ sheet(s) of informal drawings
4. ☐ Statement deleting inventor(s) named in the priority application
5. ☒ Combined Declaration and Power of Attorney form  
☒ newly executed (original or copy) ☐ copy from a prior application
6. ☐ CD-ROM or CD-R in duplicate, large table or computer program (*Appendix*)
7. ☐ Nucleotide and/or amino acid sequence submission  
☐ computer readable form (CRF) ☐ paper copy ☐ statement verifying identity of above copies

**Accompanying Application Parts (enclosed):**

9. ☐ Amendments  
☐ Amendments are indicated in enclosed Preliminary Amendment  
☐ Amend this application to cancel original claims \_\_\_\_\_ of the application before calculating the filing fee (MPEP 607). (*At least one original independent claim is retained.*)  
☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☐ continuation-in-part  
of Application No. \_\_\_\_\_, filed on \_\_\_\_\_
10. ☒ Itemized, stamped, and self-addressed Return Receipt Postcard (MPEP 503)
11. ☐ English translation document
12. ☐ Certified Copy of Priority Document (*if foreign priority is claimed*)
13. ☐ Non-publication request (*form PTO/SB/35*)
14. ☐ Information Disclosure Statement and enclosures described therein, including PTO forms 1449, SB/08 and 892.
15. ☒ Other (*describe*):  
☒ copy of USPTO's Notice of Recordation of Assignment of invention to Cabot Microelectronics Corporation including assignment document.

# UTILITY PATENT APPLICATION TRANSMITTAL

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100067

First Named Inventor:

Heinz H. BUSTA

**Filing Fees (as calculated below)**

- ☐ Applicant claims small entity status. See 37 CFR 1.27.

For:	Number Filed	Number Extra	Rate	Fee
Basic Fee				\$ 770.00
Total Claims	35 - 20	15	\$ 18.00	\$ 270.00
Independent Claims	4 - 3	1	\$ 86.00	\$86.00
Multiple Dependent Claim Presented (if applicable)			\$290.00	\$ 0.00
Subtotal				\$1,126.00
Reduction by 50% for filing by small entity				\$0.00
TOTAL				\$ 1,126.00

- ☒ Please charge my Deposit Account No. **501599** in the amount of \$ 1,126.00.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☒ The Commissioner is authorized to credit or charge Deposit Account No. **501599** for any excess/shortage in filing (37 CFR 1.16) and/or processing (37 CFR 1.17) fees associated with this communication.
- ☒ **ONLY if applicant has partially paid** the patent issue fee under 37 C.F.R. §1.18, then any **deficiency** shall be charged to Deposit Account No. **501599**.
- ☒ The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. **501599** for any fee that may be due in connection with such a request for an extension of time.

Date: Mar 31, 2004

Attorney's Signature

Name and Registration No. Phyllis T. Turner-Brim (Reg. No. 39,864)Correspondence Address:

**Customer Number**  
**29050**

**Certification under 37 CFR 1.10 (if applicable)**EV067922704US

"Express Mail" mailing label number

March 31, 2004

Date of Deposit

I hereby certify that this Transmittal letter, enclosed application, and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mariejose Monsalve

(Typed or printed name of person mailing application)

(Signature of person mailing application)